## SEQUENCE LISTING

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<120> Identification of Hyaluronan Receptor for Endocytosis
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Pro Leu Pro Phe Arg Arg Asn Val Glu Gly Cys Gln Asn Leu Cys Thr Val Val Iso Gln Thr Pro Arg Cys Cys His Gly Tyr Phe Met Pro Asp Cys Gln Ala Cys Pro Gly Gly Pro Asp Thr Pro Cys Asn Asn Arg Gly Met Cys Arg Asp Leu Tyr Thr Pro Met Gly Gln Cys Leu Cys His Thr Gly Phe Asn Gly Thr Ala Cys Glu Leu Cys Trp His Gly Arg Phe Gly Pro Asp Cys Gln Pro Arg Ser Cys Ser Glu His Gly Gln Cys Asp Glu Gly Iso Thr Gly Ser Gly Glu Cys Leu Cys Glu Thr Gly Trp Thr Ala Ala Ser Cys Asp Thr Pro Thr Ala Val Phe Ala Val Cys Thr Pro Ala Cys Ser Val His Ala thr Cys Thr Glu Asn Asn Thr Cys Val Cys Asn Leu Asn Tyr Glu Gly Asp Gly Iso **\$25** T. 雪hr Cys Thr Val Val Asp Phe Cys Lys Gln Asn Asn Gly Gly Cys Ala Lys Val Ala •Lys Cys Ser Gln Lys Gly Thr Gln Val Ser Cys Ser Cys Lys Lys Gly Tyr Lys Gly Ţ 📆 sp Gly Tyr Ser Cys Iso Glu Iso Asp Pro Cys Ala Asp Gly Val Asn Gly Gly Cys His Glu His Ala Thr Cys Arg Met Thr Gly Pro Gly Lys His Lys Cys Glu Cys Lys Ser His Tyr Val Gly Asp Gly Val Asp Cys Glu Pro Glu Gln Leu Pro Leu Asp Arg Cys Leu Gln Asp Asn Gly Gln Cys His Pro Asp Ala Ser Cys Ala Asp Leu Tyr Phe Gln Asp Thr Thr Val Gly Val Phe His Leu Arg Ser Pro Leu Gly Gln Tyr Lys Leu Thr Phe Asp Lys Ala Lys Glu Ala Cys Ala Lys Glu Ala Ala Thr Iso Ala Thr Tyr 

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GATGCCAAGC	TITITAGCTG1	' GGATCTTCCC	C ACATCCACTO	G CCTGGAAGAC	CCTGCAAGGT	2040
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- <110> Weigel et al.
- <120> Identification of Hyaluronan Receptor for Endocytosis
- <130> 5820.603
- <140> Not Yet Assigned
- <141> Herewith
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  Leu His Asn Asp Gln Leu Tyr Val Asn Glu Ala Pro Iso Asn Tyr Thr Asn Val Ala L Pos 80 85 90 95 Thr Asp Lys Gly Val Iso His Gly Leu Gly Lys Val Leu Glu Iso Gln Lys Asn Arg 100 105 110 Cys Asp Asn Asp Thr Thr Iso Iso Arg Gly Arg Cys Arg Thr Cys Ser Ser Glu 115 120 Leu Thr Cys Pro Phe Gly Thr Lys Ser Leu Gly Asn Glu Lys Arg Arg Cys Iso Tyr 135 140 145 Thr Ser Tyr Phe Met Gly Arg Arg Thr Leu Phe Iso Gly Cys Gln Pro Lys Cys Val 155 160 165 170 Arg Thr Val Iso Thr Arg Glu Cys Cys Ala Gly Phe Phe Gly Pro Gln Cys Gln Pro 175 180 185 190

Cys Pro Gly Asn Ala Gln Asn Val Cys Phe Gly Asn Gly Iso Cys Leu Asp Gly Val Asn Gly Thr Gly Val Cys Glu Cys Gly Glu Gly Phe Ser Gly Thr Ala Cys Glu Thr Cys Thr Glu Gly Lys Tyr Gly Iso His Cys Asp Gln Ala Cys Ser Cys Val His Gly Arg Cys Asn Gln Gly Pro Leu Gly Asp Gly Ser Cys Asp Cys Asp Val Gly Trp Arg Gly Val His Cys Asp Asn Ala Thr Thr Glu Asp Asn Cys Asn Gly Thr Cys His Thr Ser Ala Asn Cys Leu Thr Asn Ser Asp Gly Thr Ala Ser Cys Lys Cys Ala Ala Gly Phe Gln Gly Asn Gly Thr Iso Cys Thr Ala Iso Asn Ala Cys Glu Iso Ser Asn Gly ŭ Gly Cys Ser Ala Lys Ala Asp Cys Lys Arg Thr Thr Pro Gly Arg Arg Val Cys Thr Cys Lys Ala Gly Tyr Thr Gly Asp Gly Iso Val Cys Leu Glu Iso Asn Pro Cys Leu Glu Asn His Gly Gly Cys Asp Lys Asn Ala Glu Cys Thr Gln Thr Gly Pro Asn Gln Ŧ Ala Ala Cys Asn Cys Leu Pro Ala Tyr Thr Gly Asp Gly Lys Val Cys Thr Leu Iso Asn Val Cys Leu Thr Lys Asn Gly Gly Cys Ser Glu Phe Ala Iso Cys Asn His Thr Gly Gln Val Glu Arg Thr Cys Thr Cys Lys Pro Asn Tyr Iso Gly Asp Gly Phe Thr Cys Arg Gly Ser Iso Tyr Gln Glu Leu Pro Lys Asn Pro Lys Thr Ser Gln Tyr Phe Phe Gln Leu Gln Glu His Phe Val Lys Asp Leu Val Gly Pro Gly Pro Phe Thr Val Phe Ala Pro Leu Ser Ala Ala Phe Asp Glu Glu Ala Arg Val Lys Asp Trp Asp Lys 

Tyr Gly Leu Met Pro Gln Val Leu Arg Tyr His Val Val Ala Cys His Gln Leu Leu Leu Glu Asn Leu Lys Leu Iso Ser Asn Ala Thr Ser Leu Gln Gly Glu Pro Iso Val Iso Ser Val Ser Gln Ser Thr Val Tyr Iso Asn Asn Lys Ala Lys Iso Iso Ser Ser Asp Iso Iso Ser Thr Asn Gly Iso Val His Iso Iso Asp Lys Leu Leu Ser Pro Lys Asn Leu Leu Iso Thr Pro Lys Asp Asn Ser Gly Arg Iso Leu Gln Asn Leu Thr Thr Leu Ala Thr Asn Asn Gly Tyr Iso Lys Phe Ser Asn Leu Iso Gln Asp Ser Gly Leu Leu Ser Val Iso Thr Asp Pro Iso His Thr Pro Val Thr Leu Phe Trp Pro Thr Asp Gln Ala Leu His Ala Leu Pro Ala Glu Gln Gln Asp Phe Leu Phe Asn Gln Asp Asn <u>-</u> Ť Lys Asp Lys Leu Lys Glu Tyr Leu Lys Phe His Val Iso Arg Asp Ala Lys Val Leu ∉Ala Val Asp Leu Pro Thr Ser Thr Ala Trp Lys Thr Leu Gln Gly Ser Glu Leu Ser 🎁 al Lys Cys Gly Ala Gly Arg Asp Iso Gly Asp Leu Phe Leu Asn Gly Gln Thr Cys 85 Arg Iso Val Gln Arg Glu Leu Leu Phe Asp Leu Gly Val Ala Tyr Gly Iso Asp Cys Leu Leu Iso Asp Pro Thr Leu Gly Gly Arg Cys Asp Thr Phe Thr Thr Phe Asp Ala Ser Gly Glu Cys Gly Ser Cys Val Asn Thr Pro Ser Cys Pro Arg Trp Ser Lys Pro Lys Gly Val Lys Gln Lys Cys Leu Tyr Asn Leu Pro Phe Lys Arg Asn Leu Glu Gly Cys Arg Glu Arg Cys Ser Leu Val Iso Gln Iso Pro Arg Cys Cys Lys Gly Tyr Phe 

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Phe Ala Ser Gln Asn Cys Gly Ser Gly Val Val Gly Iso Val Asp Tyr Gly Pro Arg 

Pro Asn Lys Ser Glu Met Trp Asp Val Phe Cys Tyr Arg Met Lys Asp Val Asn Cys 

Thr Cys Lys Val Gly Tyr Val Gly Asp Gly Phe Ser Cys Ser Gly Asn Leu Leu Gln 

Val Leu Met Ser Phe Pro Ser Leu Thr Asn Phe Leu Thr Glu Val Leu Ala Tyr Ser 

Asn Ser Ser Ala Arg Gly Arg Ala Phe Leu Glu His Leu Thr Asp Leu Ser Iso Arg 

Gly Thr Leu Phe Val Pro Gln Asn Ser Gly Leu Gly Glu Asn Glu Thr Leu Ser Gly 

Arg Asp Iso Glu His His Leu Ala Asn Val Ser Met Phe Phe Tyr Asn Asp Leu Val 

Asn Gly Thr Thr Leu Gln Thr Arg Leu Gly Ser Lys Leu Leu Iso Thr Ala Ser Gln 

Asp Pro Leu Gln Pro Thr Glu Thr Arg Phe Val Asp Gly Arg Ala Iso Leu Gln Trp
1260 1265 1270

Asp Iso Phe Ala Ser Asn Gly Iso Iso His Val Iso Ser Arg Pro Leu Lys Ala Pro 1275 1280 1285 1290

Tro Ala Pro Val Thr Leu Thr His Thr Gly Leu Gly Ala Gly Iso Phe Phe Ala Iso 1295 1300 1305 1310

Iso Leu Val Thr Gly Ala Val Ala Leu Ala Ala Tyr Ser Tyr Phe Arg Iso Asn Arg 

Arg Thr Iso Gly Phe Gln His Phe Glu Ser Glu Glu Asp Iso Asn Val Ala Ala Leu 

Gly Lys Gln Gln Pro Glu Asn Iso Ser Asn Pro Leu Tyr Glu Ser Thr Thr Ser Ala 

Pro Pro Glu Pro Ser Tyr Asp Pro Phe Thr Asp Ser Glu Glu Arg Gln Leu Glu Gly 

Asn Asp Pro Leu Arg Thr Leu 

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**Example Assigned

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Asp Leu Val Gly Pro Gly Pro Phe Thr Val Phe Ala Pro Leu Ser Ala Ala Phe Asp
                                                          15
                                      10
П
₽Glu Glu Ala Arg
120
```

```
A+Paso o+sol
```

```
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☐

■ In Leu Thr Ser Pro Phe Gly Thr Lys
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Leu Arg
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Leu Ar
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Tal Iso His Gly Leu Gly Lys
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Output

Graphys Gly Tyr Phe Gly Arg

From

Graphys Gly Tyr Phe Gly Arg

From

Graphys Gly Tyr Phe Gly Arg

Graphys Gly Tyr Phe
```

```
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Output

Displays Phe His Val Iso Arg

Di
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<120> Identification of Hyaluronan Receptor for Endocytosis

<110> Weigel et al.

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<110> Weigel et al.
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The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

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The Leu Gln Gly Ser Glu Leu Ser Val Lys

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The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

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The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly Ser Glu Leu Ser Val Lys

The Leu Gln Gly
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```
<110> Weigel et al.
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5 10
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